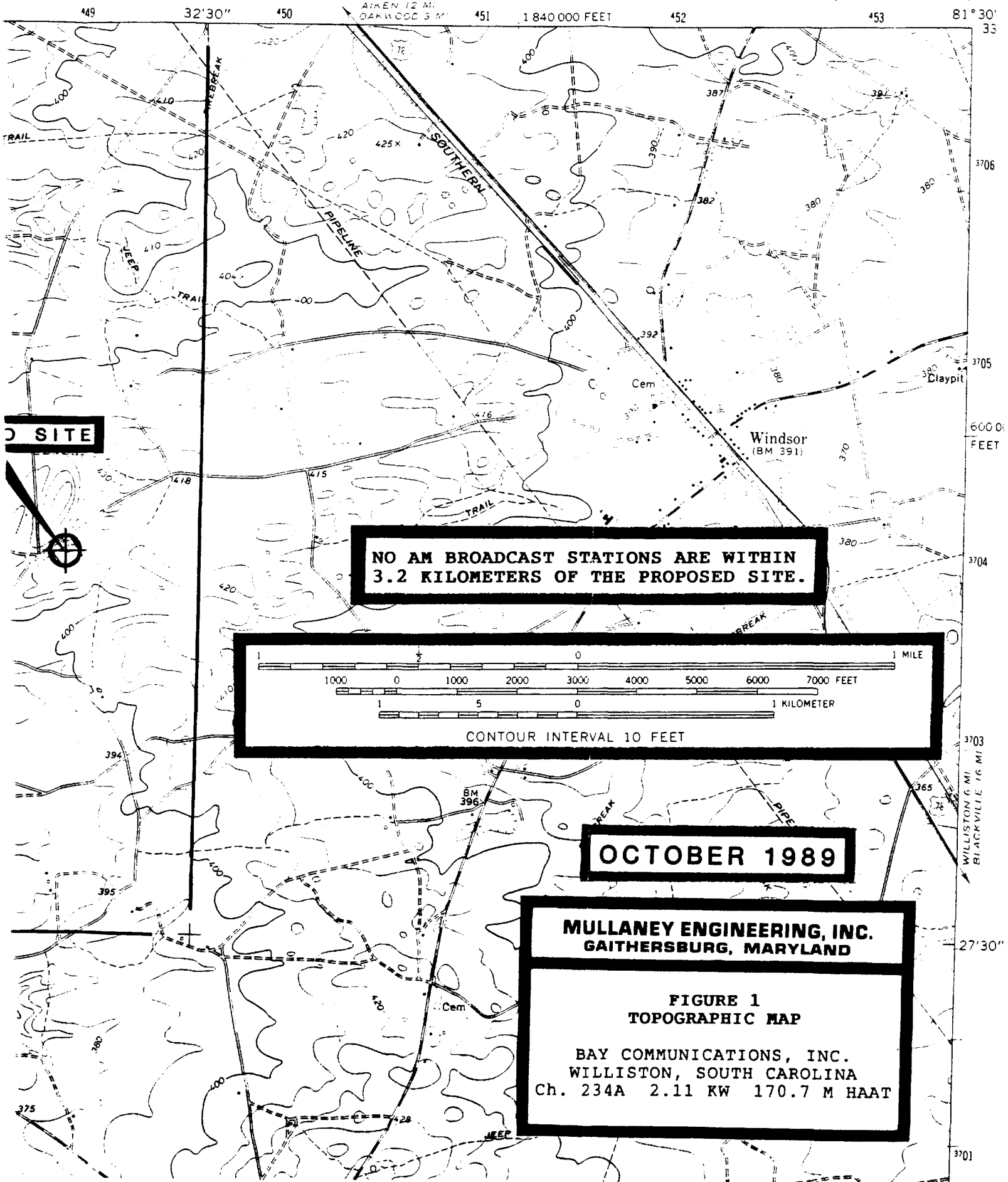


WINDSOR QUADRANGLE
SOUTH CAROLINA
7.5 MINUTE SERIES (TOPOGRAPHIC)



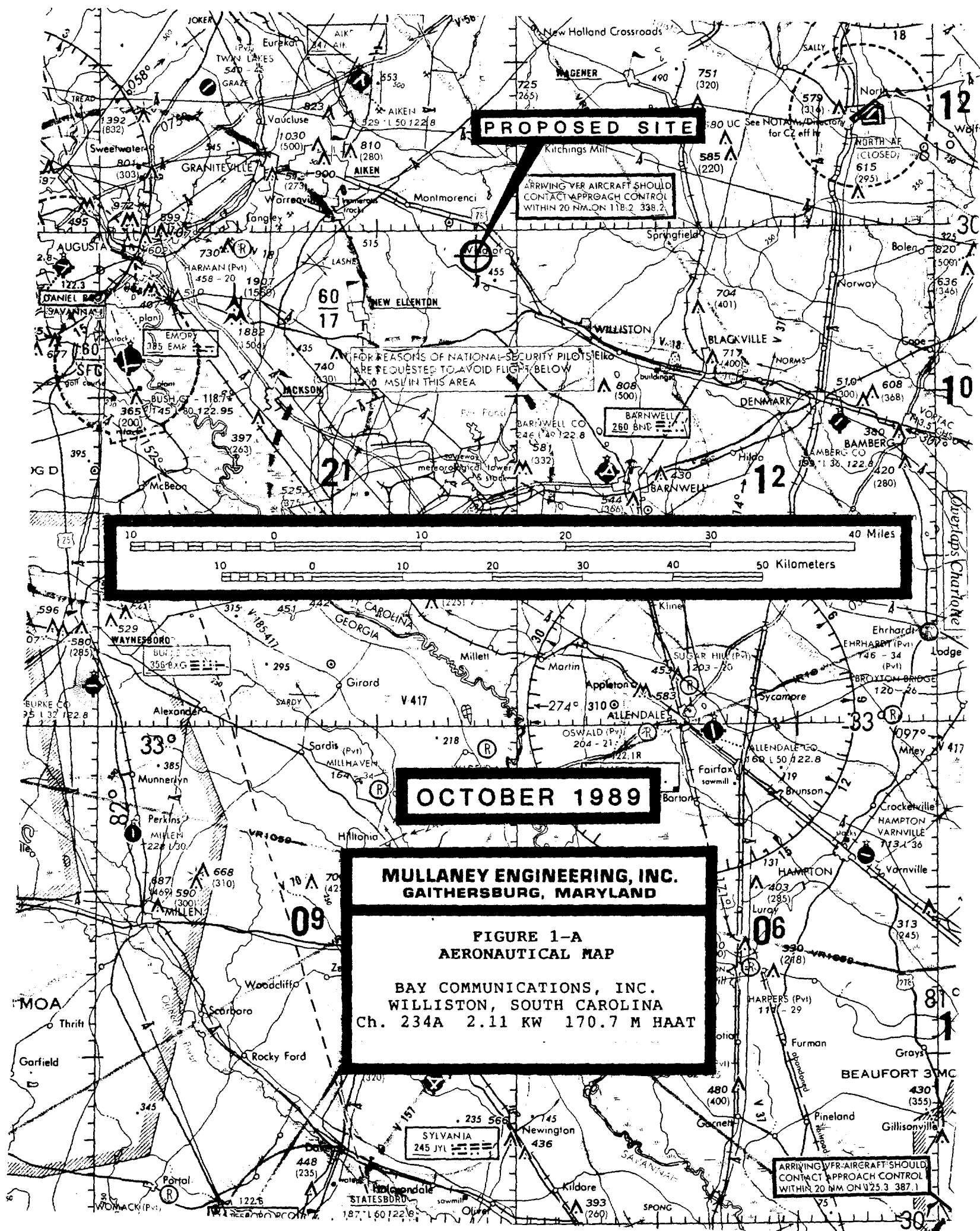
NO AM BROADCAST STATIONS ARE WITHIN
3.2 KILOMETERS OF THE PROPOSED SITE.

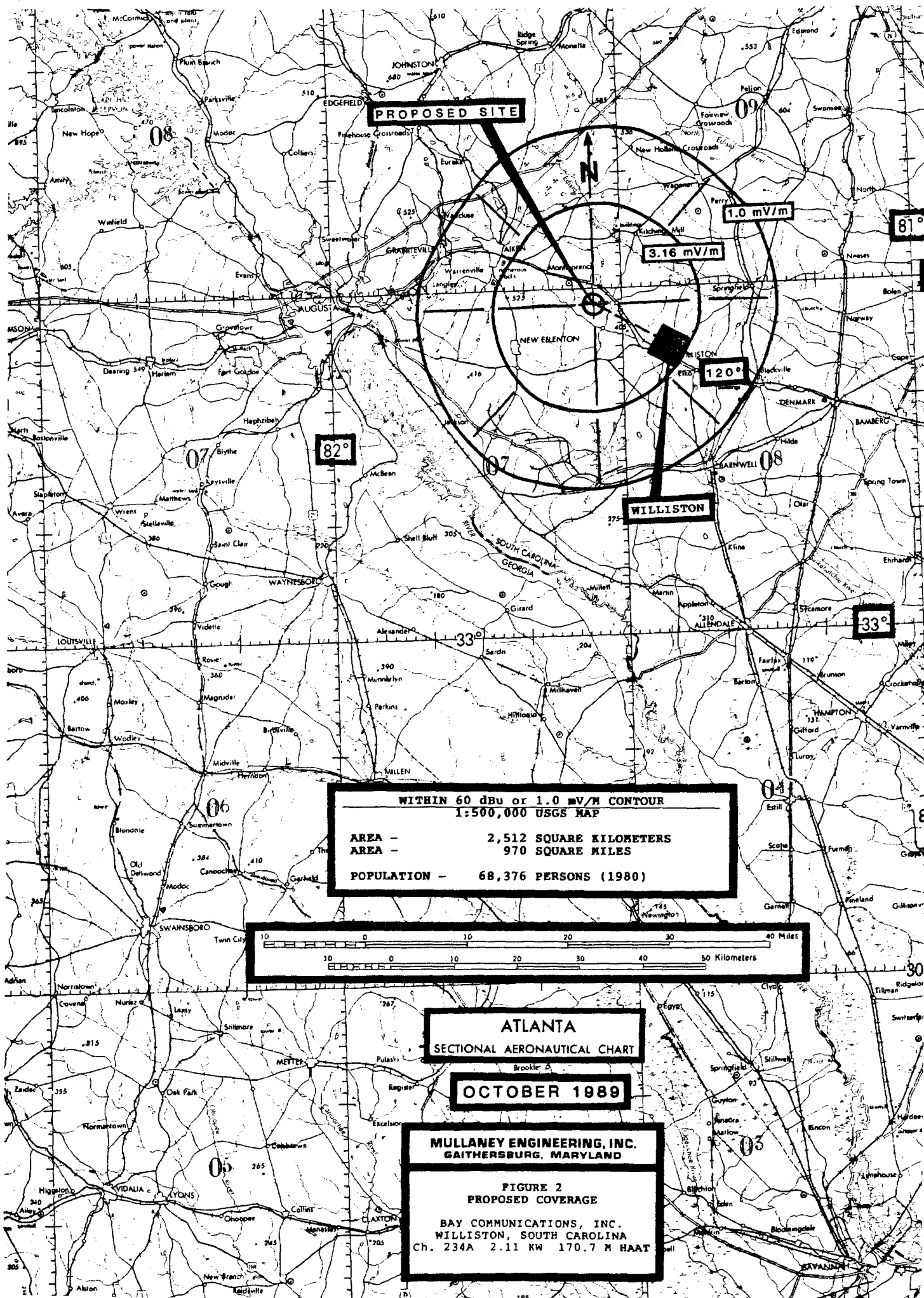
OCTOBER 1989

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 1
TOPOGRAPHIC MAP

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT





PROPOSED SITE

1.0 mV/m

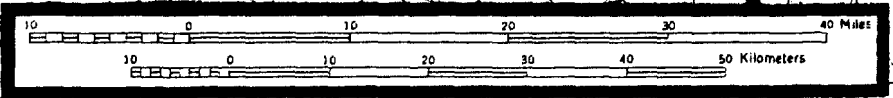
3.16 mV/m

120°

WILLISTON

WITHIN 60 dBu or 1.0 mV/M CONTOUR
1:500,000 USGS MAP

AREA -	2,512 SQUARE KILOMETERS
AREA -	970 SQUARE MILES
POPULATION -	68,376 PERSONS (1980)



ATLANTA
SECTIONAL AERONAUTICAL CHART

OCTOBER 1989

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 2
PROPOSED COVERAGE

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT

FM COVERAGE

WILLISTON, SOUTH CAROLINA

CHANNEL NO. 234

FREQUENCY 94.7 MHZ

CENTER OF RADIATION 273.7 METERS AMSL

COORDINATES: 33-28-33 / 81-32-57

BEARING DEGREES *****	3-16 KM AVERAGE *****	C.R. HAAT *****	E.R.P. (KW) *****	DISTANCE TO CONTOURS (KM)				
				115.	70.	60.		

CITY	0.	*	108.5	165.2	2.11	0.6	16.1	27.8
	15.		100.1	173.6	2.11	0.6	16.6	28.5
	30.		103.5	170.2	2.11	0.6	16.4	28.3
	45.	*	103.9	169.8	2.11	0.6	16.3	28.2
	60.		95.3	178.4	2.11	0.6	16.7	28.8
	75.		94.7	179.0	2.11	0.6	16.7	29.0
	90.	*	92.6	181.1	2.11	0.6	16.9	29.1
	105.		97.9	175.8	2.11	0.6	16.6	28.6
	120.		104.9	168.8	2.11	0.6	16.3	28.2
	135.	*	104.1	169.6	2.11	0.6	16.3	28.2
	150.		102.2	171.5	2.11	0.6	16.4	28.3
	165.		97.7	176.0	2.11	0.6	16.6	28.6
	180.	*	91.3	182.4	2.11	0.6	16.9	29.1
	195.		87.8	185.9	2.11	0.6	17.1	29.5
	210.		79.7	194.0	2.11	0.6	17.5	29.9
	225.	*	87.6	186.1	2.11	0.6	17.1	29.5
	240.		98.2	175.5	2.11	0.6	16.6	28.6
	255.		105.5	168.2	2.11	0.6	16.3	28.2
	270.	*	108.5	165.2	2.11	0.6	16.1	27.8
	285.		117.2	156.5	2.11	0.6	15.6	27.2
	300.		129.9	143.8	2.11	0.6	14.8	26.2
	315.	*	127.9	145.8	2.11	0.6	15.0	26.4
	330.		116.2	157.5	2.11	0.6	15.6	27.4
	345.		111.8	161.9	2.11	0.6	15.9	27.7

AVERAGE * 103.0 170.7 Meters

AREA IN SQUARE KILOMETERS 1.0 837. 2512.

AREA IN SQUARE MILES 0.4 323. 970.

115.0 DBU BLANKET CONTOUR IS COMPUTED VIA SECTION 73.318

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 2-A
PROPOSED CONTOURS
(METRIC UNITS)

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT

FM COVERAGE

WILLISTON, SOUTH CAROLINA

CHANNEL NO. 234

FREQUENCY 94.7 MHZ

CENTER OF RADIATION 898. FEET AMSL

COORDINATES: 33-28-33 / 81-32-57

				DISTANCE TO				
BEARING		2-10 MILE	C.R.	E.R.P.	CONTOURS (MI)			
DEGREES		AVERAGE	HAAT	(KW)	115.	70.	60.	
*****		*****	*****	*****	*****			
CITY	0.	*	356.	542.	2.11	0.4	10.0	17.3
	15.		328.	570.	2.11	0.4	10.3	17.7
	30.		340.	558.	2.11	0.4	10.2	17.6
	45.	*	341.	557.	2.11	0.4	10.1	17.5
	60.		313.	585.	2.11	0.4	10.4	17.9
	75.		311.	587.	2.11	0.4	10.4	18.0
	90.	*	304.	594.	2.11	0.4	10.5	18.1
	105.		321.	577.	2.11	0.4	10.3	17.8
	120.		344.	554.	2.11	0.4	10.1	17.5
	135.	*	342.	557.	2.11	0.4	10.1	17.5
	150.		335.	563.	2.11	0.4	10.2	17.6
	165.		321.	578.	2.11	0.4	10.3	17.8
	180.	*	300.	599.	2.11	0.4	10.5	18.1
	195.		288.	610.	2.11	0.4	10.6	18.3
	210.		262.	637.	2.11	0.4	10.9	18.6
	225.	*	287.	611.	2.11	0.4	10.6	18.3
	240.		322.	576.	2.11	0.4	10.3	17.8
	255.		346.	552.	2.11	0.4	10.1	17.5
	270.	*	356.	542.	2.11	0.4	10.0	17.3
	285.		385.	514.	2.11	0.4	9.7	16.9
	300.		426.	472.	2.11	0.4	9.2	16.3
	315.	*	420.	478.	2.11	0.4	9.3	16.4
	330.		381.	517.	2.11	0.4	9.7	17.0
	345.		367.	531.	2.11	0.4	9.9	17.2

AVERAGE * 338. 560. Feet

AREA IN SQUARE MILES 0.4 323. 970.

AREA IN SQUARE KILOMETERS 1.0 837. 2512.

115.0 DBU BLANKET CONTOUR IS COMPUTED VIA SECTION 73.318

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

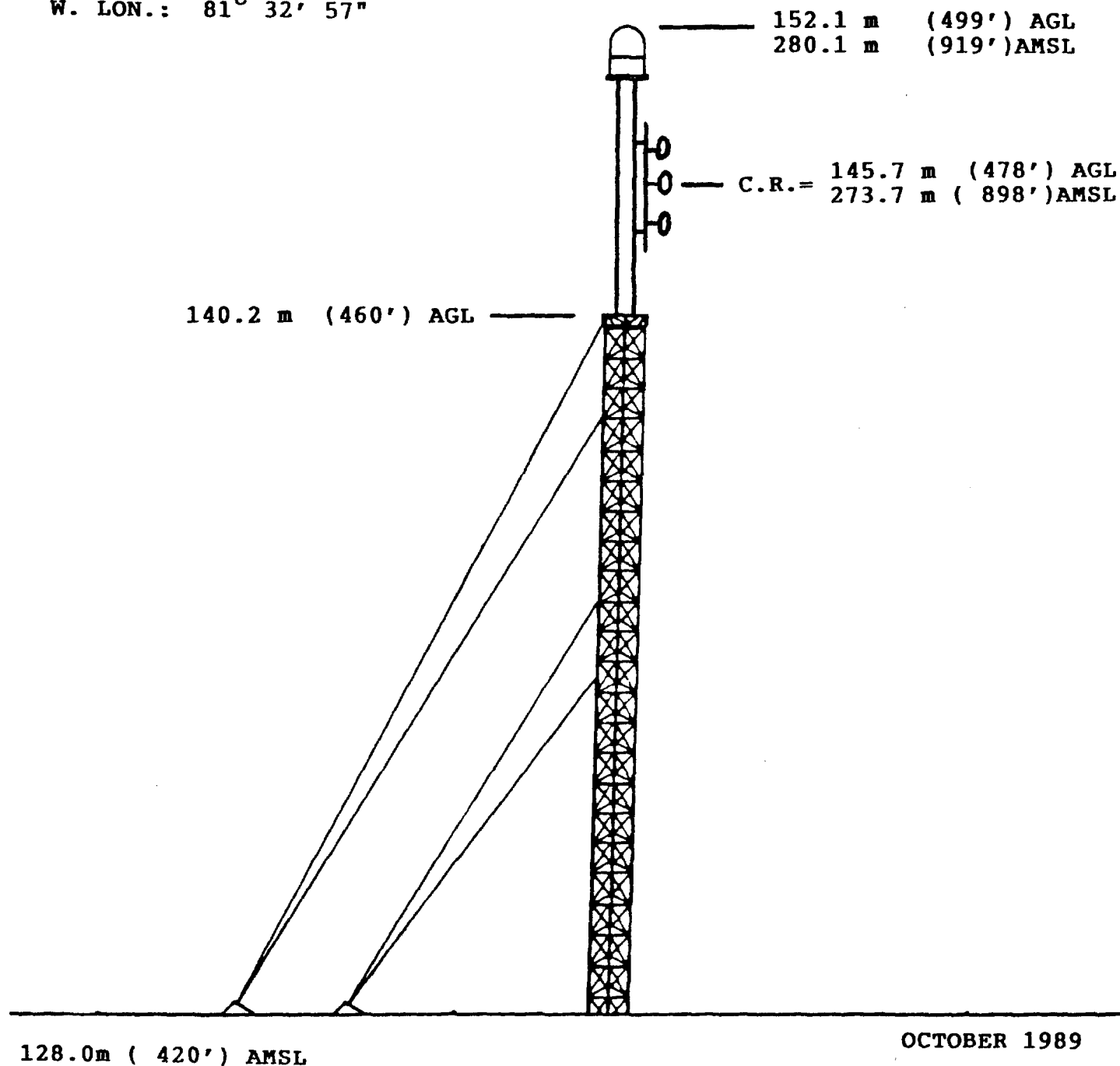
FIGURE 2-B
PROPOSED CONTOURS
(ENGLISH UNITS)

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT

PAINTING AND LIGHTING IN ACCORDANCE
WITH F.A.A. SPECIFICATIONS.

T DRAWN TO SCALE

N. LAT.: $33^{\circ} 28' 33''$
W. LON.: $81^{\circ} 32' 57''$



MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 3
VERTICAL TOWER SKETCH

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT

FM Spacing study

Title: WILLISTON, S.C.
Channel 234A (94.7 MHz)
Database: DW 09/27/89

Latitude: 33-28-33
Longitude: 81-32-57
Safety zone: 20 km

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License	St	FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
PRM	DELETION	PROPOSED	232A		33-26-17	265.4	50.33	31
MARTINEZ		GA DOC-88-51	94.3		82-05-19	85.1	19.33	CLEAR
Deletion proposed								
WMTZ	LIC	COLUMBIA COUNTY BROADCAST	232A	3	33-26-17	265.4	50.33	31
MARTINEZ		GA BLH-830609AE	94.3	91	82-05-19	85.1	19.33	CLEAR
Deletion proposed								
WMUU-FM LIC	WMUU INCORPORATED		233C	100	34-56-29	334.3	180.9	165
GREENVILLE	SC		94.5	366	82-24-41	153.8	15.94	CLOSE
NEW	APP	BAY COMMUNICATIONS INC	234A	1.31	33-27-57	98.5	7.544	-
WILLISTON		SC BPH-880725MG	94.7	153	81-28-08	278.5		
C.P. GRANTED: 9/28/89								
ALLOC			234A		33-24-00	124.7	14.79	-
WILLISTON		SC DOC-84-231	94.7		81-25-06	304.8		
Filing window 02/01-03/10/88								
NEW	APP	PAM S ADKINS & LEE S SEN	234A	3	33-55-51	63.4	114.5	115
SUMTER		SC BPH-880310ND	94.7	100	80-26-24	244.1	-.46	SHORT
WITHIN 0.5 KILOMETER TOLERANCE								
NEW	APP	IRIS COMMUNICATIONS INC	234A	3	33-57-02	63.0	117.9	115
SUMTER		SC BPH-880310NS	94.7	100	80-24-41	243.7	2.880	CLOSE
NEW	APP	SUMTER RADIO PARTNERSHIP	234A	3	33-52-01	68.1	118.7	115
SUMTER		SC 880310NO	94.7	100	80-21-27	248.8	3.725	CLOSE
PET FOR RECON FILED 7/11/88								
ALLOC			234A		33-55-06	65.8	121.8	115
SUMTER		SC DOC-84-231	94.7		80-20-48	246.5	6.813	CLOSE
Filing window 02/01-03/10/88								
NEW	APP	PALMETTO RADIO INC	234A	3	33-53-47	67.4	123.7	115
SUMTER		SC BPH-880310MA	94.7	100	80-18-47	248.1	8.747	CLOSE
NEW	APP	SHARRON ANNETTE HALEY	234A	3	33-51-26	69.6	123.8	115
SUMTER		SC BPH-880310MZ	94.7	100	80-17-39	250.3	8.845	CLOSE

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 4
CHANNEL ALLOCATION STUDY
(PAGE 1 OF 2)

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT

FM Spacing study

Title: WILLISTON, S.C.
Channel 234A (94.7 MHz)

Latitude: 33-28-33
Longitude: 81-32-57

Call City of	Auth License	Licensee name St FCC File no.	Chan Freq	ERP-kW EAB-m	Latitude Longitude	Br-to -from	Dist. (km)	Req. (km)
NEW SUMTER	APP	SUMTER RADIO PARTNERS SC BPH-880310NM	234A 94.7	3 100	33-55-39 80-19-28	65.8 246.4	124.1 9.102	115 CLOSE
NEW MILLEN	CP	RADIO MILLEN BROADCASTIN GA BPH-880616MD	235A 94.9	2 122	32-43-52 81-51-40	199.4 19.3	87.57 15.57	72 CLOSE
CP Granted 08/10/89								
PRM HARLEM		PROPOSED RULE MAKING GA DOC-89-110	236A 95.1		33-24-54 82-18-42	264.7 84.3	71.22 40.22	31 CLEAR
RM BATESBURG		DELETION REQUESTED SC RM-6734	237A 95.3		33-54-02 81-24-25	15.5 195.6	48.92 17.92	31 CLEAR
Deletion proposed; COUNTERPROPOSAL TO DOC-89-19								
WKWQ BATESBURG	LIC	COLUMBIA CHRISTIAN RADIO SC BLH-870924KA	237A 95.3	.94 171	33-54-02 81-24-25	15.5 195.6	48.92 17.92	31 CLEAR
Deletion proposed								
NEW BATESBURG	APP	CAROLINA SOUND CORPORATI SC 881101MG	237A 95.3	.94 171	33-54-02 81-24-25	15.5 195.6	48.92 17.92	31 CLEAR
MUTUALLY EXCLUSIVE W/ WKWQ								
RM SOUTH CONGAREE		RULE MAKING PETITION SC RM-6734	237A 95.3		33-50-23 81-13-18	36.7 216.9	50.51 19.51	31 CLEAR
COUNTERPROPOSAL TO DOC-89-19								
NEW WALTERBORO	APP	AUGUSTA RADIO FELLOW INS SC 880602MM	*287A 105.3	3 100	32-52-42 80-45-37	131.9 312.4	99.02 89.02	10 CLEAR
EDUCATIONAL OPERATION								
WJYQ MONCK'S CORNER	LIC	CEDAR COMM LTD PTSHP SC BLH-861218KB	288A 105.5	1.40 148	33-05-35 80-02-01	106.4 287.2	147.4 137.4	10 CLEAR
Was WMXQ 10/05/87								

>> End of channel 234A study <<

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 4
CHANNEL ALLOCATION STUDY
(PAGE 2 OF 2)

BAY COMMUNICATIONS, INC.
WILLISTON, SOUTH CAROLINA
Ch. 234A 2.11 KW 170.7 M HAAT

SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1 Does the applicant propose to employ five or more full-time employees?

N/A

☐ Yes ☐ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 898-A).

SECTION VII - CERTIFICATIONS

1 Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.3580?

☒ Yes ☐ No

2 Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

If No, attach as an Exhibit, a full explanation.

Exhibit No.
N/A

3 If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted A.W. Flynn

Telephone No. (include area code) (803) 266-7955

Person contacted: (check one box below)

☐ Owner

☒ Owner's Agent

☐ Other (specify)

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT.
U.S. CODE, TITLE 18, SECTION 1001.**

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant Bay Communications, Inc.	Signature X
Date September 29, 1989	Title President

**FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT
AND THE PAPERWORK REDUCTION ACT**

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 71 hours 45 minutes to 801 hours 80 minutes with an average of 118 hours 28 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (8080-0027), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

2017/18

EXHIBIT 2

JOHN H. MULLANEY, P.E.
JOHN J. MULLANEY

MULLANEY ENGINEERING, INC.

9049 SHADY GROVE COURT
GAITHERSBURG, MD 20877

301 921-0115

ENGINEERING EXHIBIT RM-2:

**ENGINEERING COMMENTS IN SUPPORT OF A
PETITION FOR RECONSIDERATION
BY WILLIAM P. EATON, JR.
CONCERNING THE ALLOTMENT OF
FM CHANNEL 234A TO WARRENTON, GA.**

APRIL 30, 1990

PREPARED ON BEHALF OF

RADIO STATION WAAW
BAY COMMUNICATIONS INCORPORATED
WILLISTON, S.C.

**ORIGINAL
SIGNATURE**

MULLANEY ENGINEERING, INC.

ENGINEERING EXHIBIT RM-2:

**ENGINEERING COMMENTS IN SUPPORT OF A
PETITION FOR RECONSIDERATION
BY WILLIAM P. EATON, JR.
CONCERNING THE ALLOTMENT OF
FM CHANNEL 234A TO WARRENTON, GA.**

TABLE OF CONTENTS:

1. Declaration of Engineer
2. Narrative Statement.
3. Figure 1, CH. 234A Williston, S.C. - Allowable Area.
4. Figure 1-A, CH. 234A Williston, S.C. - Channel Study.

MULLANEY ENGINEERING, INC.

DECLARATION

I, John J. Mullaney, declare and state that I am a graduate electrical engineer with a B.E.E. from Catholic University, and my qualifications are known to the Federal Communications Commission, and that I am an associate engineer in the firm of Mullaney Engineering, Inc., and that firm has been retained by Bay Communications Incorporated, permittee of Radio Station WAAW at Williston, S.C. to prepare an comments concerning proposed channel allotments at Warrenton and Gibson, Ga.

All facts contained herein are true of my own knowledge except where stated to be on information or belief, and as to those facts, I believe them to be true. I declare under penalty of perjury that the foregoing is true and correct.


John J. Mullaney

Executed on the 30th day of April 1990.

MULLANEY ENGINEERING, INC.

ENGINEERING EXHIBIT RM-2:

**ENGINEERING COMMENTS IN SUPPORT OF A
PETITION FOR RECONSIDERATION
BY WILLIAM P. EATON, JR.
CONCERNING THE ALLOTMENT OF
FM CHANNEL 234A TO WARRENTON, GA.**

NARRATIVE STATEMENT:

I. GENERAL:

This engineering statement has been prepared on behalf of Bay Communications Incorporated, permittee of Radio Station WAAW on Channel 234A at Williston, S.C. The purpose of this statement is to support a petition for reconsideration filed by William P. Eaton, Jr., concerning the return of his request for the allotment of FM Channel 234A to Warrenton, Ga. The basis of the Eaton dismissal is an unpublished internal FCC proposal to assign Ch. 234A in lieu of 278A at Gibson, Ga., in MM Docket 89-404. The substitution of Ch. 234A is in direct conflict with WAAW's pending change of site application (BMPH-891002IK) and the FCC has never published their proposal and thereby, denied WAAW the opportunity to file timely comments.

MM Docket 89-404 concerns the substitution of Ch. 278C3 for 278A at Greenwood, S.C. and the allotment of Ch. 278A to Gibson, Ga. It should be understood that the Greenwood & Gibson proposals are mutually exclusive. While the initial channel requested for Gibson was Ch. 278A, it appears that the FCC has internally determined that Ch. 234A is also

available for assignment at Gibson. This is confirmed by the fact that the FCC engineering database at the end of March contains this alternative proposal while also being confirmed by a letter dated, Feb. 7, 1990, from Karl A. Kensinger to John E. Fiorini, III, Esq., where in the Allocations Branch returned a new rule making petition for Ch. 234A at Warrenton, Ga., due to a short-spacing with a pending counterproposal to add 234A to Gibson.

WAAW has standing in as much as its pending application for change of site and increase to the maximum equivalent Class A power of 6 KW (BMPH-891002IK) would result in a 8.1 kilometer short spacing to proposed alternate allotment of Ch. 234A at Gibson. It should be noted that the comment date for Greenwood was November 16, 1989 and as of that date no mention was made of using Ch. 234A as an alternative for Gibson.

WAAW will also be filing comments in the MM Docket 89-586, concerning an unidentified conflict with a proposal to substitute channels at Millen, Ga.

II. ENGINEERING DISCUSSION:

A. Impact of Gibson R.M. on Williston Application:

Figures 1 and 1-A are a map and tabulation which define the area in which WAAW can be located in order to achieve the new 6 KW power permitted for Class A stations. The map clearly shows that in order to qualify for the increase in power WAAW had to abandon its C.P. site and relocate some 7.5 kilometers to the west in order to provide the required separation to pending applications for Ch. 234A at Sumter, S.C. It should be noted that from this site WAAW's proposed 70 dBu contour serves

approximately 87 percent of Williston and consequently, just barely exceeds the 80 percent threshold being used by the FM Branch. As presently filed, WAAW's application indicates 100 percent coverage and it was not until researching this conflict that it was determined through use of a 7.5' topographic map that slightly less coverage was being provided. This revised coverage analysis is based upon terrain elevations extracted every 1 degree from the NGDC 30 Second database.

The map also shows the impact of the proposal to allocate Ch. 234A to Gibson. As can be seen, WAAW's pending site is short spaced to the Gibson proposal and would be at nearly any site west of its current C.P. site. However, WAAW cannot remain at its present site due to a short spacing that would be created with pending applications for Ch. 234A at Sumter, S.C. In addition, WAAW cannot move south due to a short spacing that would result with with MM Docket 89-586 which involves the substitution of 235C3 for 235A at Millen, Ga.

As shown above, if Gibson is allotted Ch. 234A, WAAW will be prevented from obtaining 6 KW.

B. Impact of Williston Application on Gibson R.M.:

It should be understood that as originally proposed on Ch. 278A, the WAAW application does not have any impact on Gibson. An impact only exists if this late and yet unpublished proposal to assign Ch. 234A to Gibson is adopted by the Commission.

C. Proposed Solution:

WAAW does not believe that the proposal to assign Ch. 234A to Gibson is a valid alternate proposal since it

**RADIO STATION WAAW
PETITION FOR RECON - WARRENTON, GA.**

MULLANEY ENGINEERING, INC.

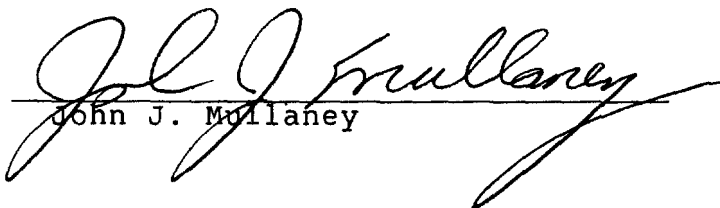
was not presented by the close of comments in that docket which was November 16, 1989 and by which time the WAAW application was already pending for over 45 days. In addition, the FCC has never formally published the alternate proposal and therefore, has denied WAAW a chance to file comments on its own behalf.

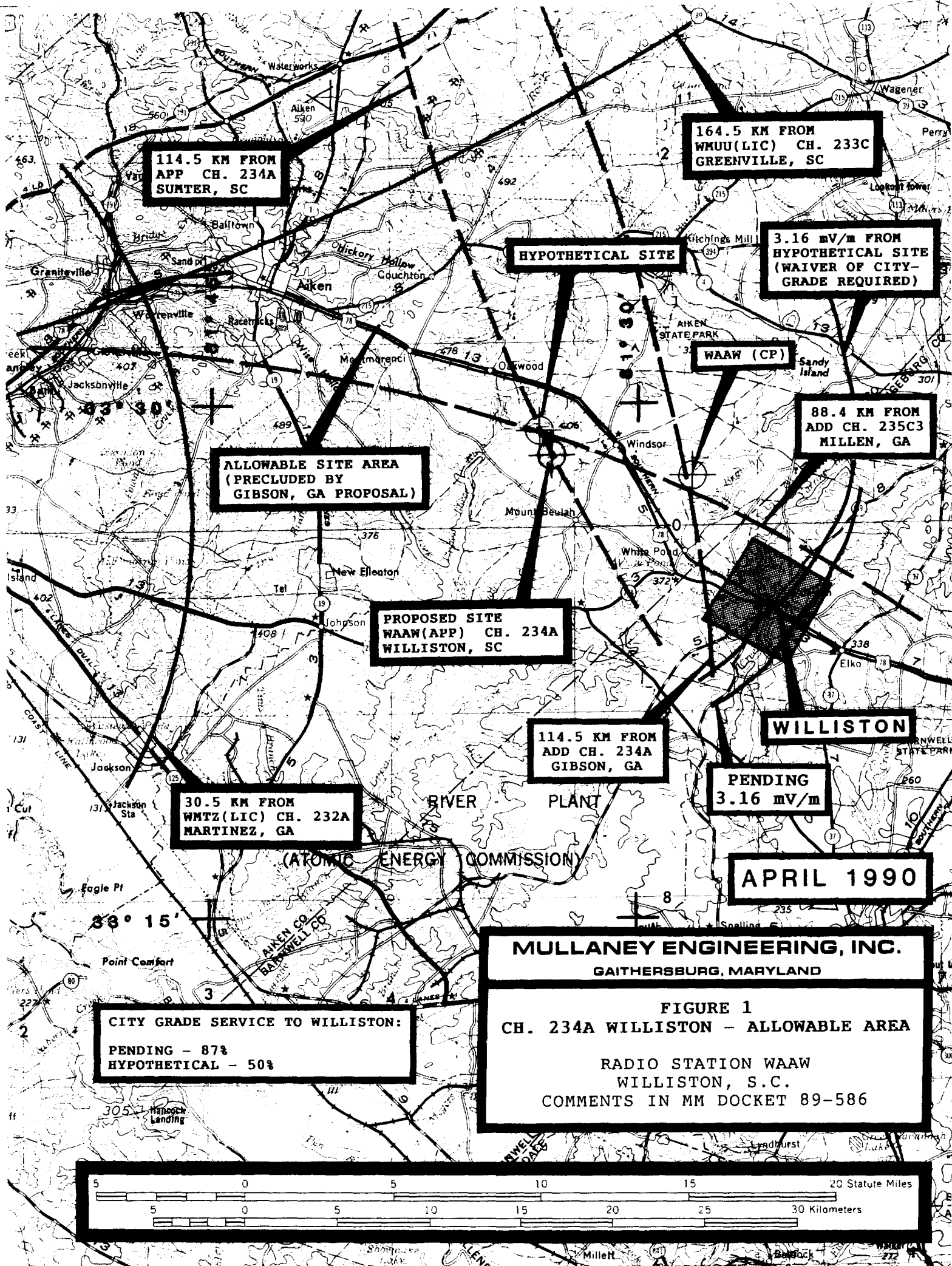
WAAW also does not believe that its pending application should be viewed simply as a site preference. As shown above, upon grant of the Gibson alternate proposal no other 6 KW site would exist for WAAW and, therefore, it must be considered more than a simple site preference. In the MM Docket 88-375, the Commission found that an increase to 6 KW by Class A stations was in the public interest. Consequently, to select Gibson over Williston simply because Williston still has a 3 KW site open to it would be contrary to the public interest already established by the Commission.

III. SUMMARY:

Bay Communications Incorporated, permittee of Radio Station WAAW at Williston, S.C., hereby supports the petition for reconsideration filed by William P. Eaton, Jr., concerning the return of his request for the allotment of FM Channel 234A to Warrenton, Ga. WAAW opposes the use of Ch. 234A at Gibson, Ga., and believes that the public interest would be better served by the allotment of Ch. 234A at Warrenton and the resulting approval to permit WAAW to operate with the equivalent of 6 KW.

April 30, 1990.


John J. Mullaney



114.5 KM FROM
APP CH. 234A
SUMTER, SC

164.5 KM FROM
WMUU(LIC) CH. 233C
GREENVILLE, SC

HYPOTHETICAL SITE

3.16 mV/m FROM
HYPOTHETICAL SITE
(WAIVER OF CITY-
GRADE REQUIRED)

WAAW (CP)

88.4 KM FROM
ADD CH. 235C3
MILLEN, GA

ALLOWABLE SITE AREA
(PRECLUDED BY
GIBSON, GA PROPOSAL)

PROPOSED SITE
WAAW(APP) CH. 234A
WILLISTON, SC

114.5 KM FROM
ADD CH. 234A
GIBSON, GA

WILLISTON

PENDING
3.16 mV/m

30.5 KM FROM
WMTZ(LIC) CH. 232A
MARTINEZ, GA

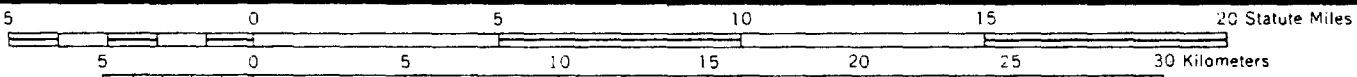
APRIL 1990

MULLANEY ENGINEERING, INC.
GAITHERSBURG, MARYLAND

FIGURE 1
CH. 234A WILLISTON - ALLOWABLE AREA

RADIO STATION WAAW
WILLISTON, S.C.
COMMENTS IN MM DOCKET 89-586

CITY GRADE SERVICE TO WILLISTON:
PENDING - 87%
HYPOTHETICAL - 50%



FM Spacing study

Title: WAAW - PENDING SITE
Channel 234A (94.7 MHz)
Database: DW 04/26/90

Latitude: 33-28-33
Longitude: 81-32-57
Safety zone: 25 km

Call	Auth	Licensee name	Chan	ERP-kW	Latitude	Br-to	Dist.	Req.
City of License		St FCC File no.	Freq	EAH-m	Longitude	-from	(km)	(km)
WMTZ	LIC	COLUMBIA COUNTY BROADCASTING	232A	3	33-26-17	265.4	50.33	31
MARTINEZ		GA BLH-830609AE	94.3	91	82-05-19	85.1	19.33	CLEAR
Deletion proposed; ORDERED TO 230C3								
WMUU-FM	LIC	WMUU INCORPORATED	233C	100	34-56-29	334.3	180.9	165
GREENVILLE		SC BLH-6867	94.5	366	82-24-41	153.8	15.94	CLOSE
WAAW	APP	BAY COMMUNICATIONS INCORPORATED	234A	2.11	33-28-33	.0		115
WILLISTON		SC BMPH-891002IK	94.7	171	81-32-57	.0		
WAAW	CP	BAY COMMUNICATIONS INCORPORATED	234A	1.31	33-27-57	98.5	7.544	115
WILLISTON		SC BPH-880725MG	94.7	153	81-28-08	278.5		
CP Granted 09/28/89; Call Granted 11/13/89								
	ADD	INTERNAL FCC PROPOSAL	234A		33-15-41	257.5	107.9	115
GIBSON		GA	94.7		82-40-47	76.9	-7.13	SHORT
Site Restricted 8.4 km Northwest- Alternate Proposal								
IF GRANTED, THIS PROPOSAL WILL TOTALLY PRECLUDE 6 KW AREA FOR WILLISTON								
NEW	APP	PAM S ADKINS & LEE S SEN	234A	3	33-55-51	63.4	114.5	115
SUMTER		SC BPH-880310ND	94.7	100	80-26-24	244.1	-.46	SHORT
WITHIN 0.5 KILOMETER TOLERANCE								
NEW	APP	IRIS COMMUNICATIONS INC	234A	3	33-57-02	63.0	117.9	115
SUMTER		SC BPH-880310NS	94.7	100	80-24-41	243.7	2.880	CLOSE
NEW	APP	SUMTER RADIO PARTNERSHIP	234A	3	33-52-01	68.1	118.7	115
SUMTER		SC 880310NO	94.7	100	80-21-27	248.8	3.725	CLOSE
PET FOR RECON FILED 7/11/88								
ALLOC			234A		33-55-06	65.8	121.8	115
SUMTER		SC DOC-84-231	94.7		80-20-48	246.5	6.813	CLOSE
Filing window 02/01-03/10/88 **CLOSED**								
3 OTHER PENDING APPLICATIONS AT GREATER DISTANCE								
WMKO	CP	RADIO MILLEN BROADCASTING	235A	4.10	32-43-52	199.4	87.57	72
MILLEN		GA BPH-880616MD	94.9	122	81-51-40	19.3	15.57	CLOSE
Deletion proposed; CP Granted 08/10/89; Call Granted 09/20/89								

MULLANEY ENGINEERING, INC.

GAITHERSBURG, MARYLAND

FIGURE 1-A
CH. 234A WILLISTON - CHANNEL STUDY
(Page 1 of 2)

RADIO STATION WAAW
WILLISTON, S.C.
COMMENTS IN MM DOCKET 89-404

FM Spacing study

Title: WAAW - PENDING SITE
Channel 234A (94.7 MHz)

Latitude: 33-28-33
Longitude: 81-32-57

Call City of License	Auth Licensee name St FCC File no.	Chan ERP-kW Freq EAH-m	Latitude Longitude	Br-to -from	Dist. (km)	Req. (km)
PRM MILLEN Deletion proposed	CLASS CHANGE TO C3 PROPO GA DOC-89-586	235A 94.9	32-43-52 81-51-40	199.4 19.3	87.57 15.57	72 CLOSE
PRM MILLEN	CLASS CHANGE FROM A PROP GA DOC-89-586	235C3 94.9	32-43-52 81-51-40	199.4 19.3	87.57 -1.43	89 SHORT
ALLOC HARLEM Granted effective 04/20/90, adopted 02/21/90, released 03/07/90; Filing window 04/23-05/23/90		236A 95.1	33-24-54 82-18-42	264.7 84.3	71.22 40.22	31 CLEAR
RM BATESBURG Deletion proposed; COUNTERPROPOSAL TO DOC-89-19	DELETION REQUESTED SC RM-6734	237A 95.3	33-54-02 81-24-25	15.5 195.6	48.92 17.92	31 CLEAR
WKWQ BATESBURG Deletion proposed; Format: AOR; Network: ABC; Air date: 08/05/65; Affiliated with WBLR(AM)	LIC COLUMBIA CHRISTIAN RADIO SC BLH-870924KA	237A .94 95.3 171	33-54-02 81-24-25	15.5 195.6	48.92 17.92	31 CLEAR
RM SOUTH CONGAREE COUNTERPROPOSAL TO DOC-89-19	RULE MAKING PETITION SC RM-6734	237A 95.3	33-50-23 81-13-18	36.7 216.9	50.51 19.51	31 CLEAR

>> End of channel 234A study <<

MULLANEY ENGINEERING, INC.

GAITHERSBURG, MARYLAND

FIGURE 1-A
CH. 234A WILLISTON - CHANNEL STUDY
(Page 2 of 2)

RADIO STATION WAAW
WILLISTON, S.C.
COMMENTS IN MM DOCKET 89-404

C E R T I F I C A T E O F S E R V I C E

I, Andrea Sumner, a secretary at the law firm of Brown Finn & Nietert, Chartered, do hereby certify that I have, this 15th day of May, 1990, mailed, via first-class U.S. mail, postage prepaid, a copy of the foregoing "Comments" to each of the following:

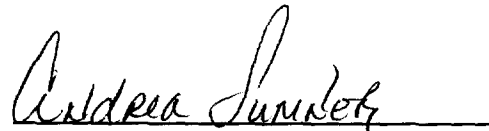
Andrew J. Rhodes*
Acting Chief, Allocations Branch
Federal Communications Commission
2025 M Street, N.W., Room 8322
Washington, D.C. 20554

Mark Van Bergh, Esq.
Gardner, Carton & Douglas
1001 Pennsylvania Avenue, N.W.
Suite 750
Washington, D.C. 20004
Counsel to William P. Eaton, Jr.

John P. Bankson, Jr., Esq.
Hopkins & Sutter
888 16th Street, N.W.
Washington, D.C. 20006
Counsel to Radio Millen Broadcasting,
Co., Inc.

Lawrence J. Bernard, Jr., Esq.
Ward & Mendelsohn, P.C.
1100 17th Street, N.W., Suite 900
Washington, D.C. 20036
Counsel to United Community Enterprises,
Inc.

Ms. Toni T. Rinehart
Heart of Dixie Broadcasting, Inc.
2557-E Mountain Lodge Circle
Birmingham, Alabama 35216


Andrea Sumner

*Denotes hand delivery